

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/045702 A3

(51) International Patent Classification⁷: G06F 17/30 (74) Agent: HYLARIDES, Paul, Jacques; Arnold & Siedsma, Sweelinckplein 1, NL-2571 GK The Hague (NL).

(21) International Application Number:
PCT/NL2004/000785

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:
8 November 2004 (08.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1024745 7 November 2003 (07.11.2003) NL
1025125 24 December 2003 (24.12.2003) NL

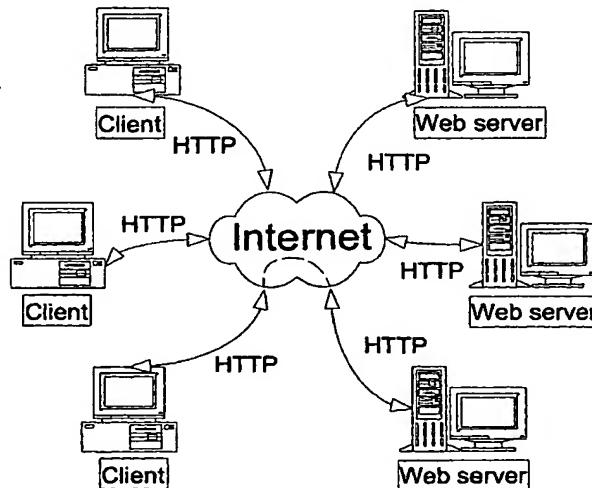
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): BACK-BASE B.V. [NL/NL]; Stephensonstraat 19, NL-1097 BA Amsterdam (NL).

Published:
— with international search report

[Continued on next page]

(54) Title: METHOD, DEVICE AND SYSTEM FOR EXTENDING A MARK-UP LANGUAGE



WO 2005/045702 A3

(57) Abstract: The present invention relates to a method of rendering document data compliant with an XML-based mark up language, comprising the steps of: fetching the document data; parsing the document data into a document object model (DOM) representation so as to provide a tree structure, comprising nodes representative of the document data elements including tags and/or attributes; reconstructing the document object model (DOM) representation into a reconstructed document object model (DOM) representation by replacing the nodes of pre-specified elements of said document data elements by one or more nodes comprising standard XML compliant elements having standard tags and attributes so as to functionally extend said XML-compliant mark-up language; rendering the document data with the reconstructed document object model (DOM) representation.



- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

14 July 2005